

## ABSTRACT

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The current invention relates to the field of detection and identification of clinically important fungi. More particularly, the present invention relates to species specific probes originating from the Internal Transcribed Spacer (ITS) region of rDNA for the detection of fungal species such as *Candida albicans*, *Candida parapsilosis*, *Candida tropicalis*, *Candida kefir*, *Candida krusei*, *Candida glabrata*, *Candida dubliniensis*, *Aspergillus flavus*, *Aspergillus versicolor*, *Aspergillus nidulans*, *Aspergillus fumigatus*, *Cryptococcus neoformans* and *Pneumocystis carinii* in clinical samples, and methods using said probes.

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